

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-5. (Canceled)

6. (New) A terminal device comprising:

an execution unit configured to execute an instruction code in accordance with an application program;

a first memory configured to store data and a protection flag, the protection flag indicative of whether the corresponding data requires security protection;

a second memory configured to store restriction information for specifying a restricted code, the restricted code being an instruction code whose execution is restricted, the restricted code being one of instruction codes that can be executed by the execution unit, the restricted code including an instruction code causing the execution unit to access target data stored in the first memory with a protection flag indicative of requiring security protection;

a determination unit configured to determine, when the application program is executed, whether a target code is included in the restriction code, the target code being an instruction code in the application program to be executed by the execution unit; and

a prevention unit configured to prevent the execution unit from executing the target code if the determination unit determines that the target code is included in the restriction code in order to prevent the target code from accessing at least a part of the data whose protection flag is indicative of receiving security protection.

7. (New) The terminal device according to Claim 6, wherein

the application program includes an identifier indicative of whether a provider of the application program is trusted,

the determination unit is configured to determine whether the target code is included in the restriction code when the identifier included in the application program is indicative that the provider of the application program is not trusted.

8. (New) The terminal device according to Claim 6, further comprising a transmitter for transmitting at least part of the data stored in the first memory,

wherein the restricted code includes an instruction code causing the transmitter to transmit at least some of the data in the first memory.

9. (New) The terminal device according to Claim 8, wherein the determination unit determines whether the application program causes the transmitter to transmit the at least some of the data to a content provider that provided the application program.

10. (New) The terminal device according to Claim 6, further comprising a communication unit configured to communicate via a communications network,

wherein the determination unit is configured to determine whether the target code is included in the restriction code when the application program subject to execution is acquired via the communications network.

11. (New) The terminal device according to Claim 6, further comprising a display device configured to display an image,
wherein instruction codes other than the restricted code include an instruction code to cause the display device to display information on the basis of the data stored in the first memory with a protection flag indicative of requiring security protection.

12. (New) The terminal device according to Claim 6, wherein the execution unit is configured to execute an exception process when the prevention unit prevents the execution unit to execute the target code.

13. (New) The terminal device according to Claim 12, wherein the exception process comprises notifying a user of the terminal device that the target code is attempting to execute a restricted operation.

14. (New) The terminal device according to Claim 12, wherein the exception process is executed prior to execution of the application program.

15. (New) The terminal device according to Claim 12, wherein the exception process is executed after execution of the application program.

16. (New) The terminal device according to Claim 6, wherein the data that requires security protection comprises telephone numbers stored in the first memory.

17. (New) The terminal device according to Claim 6, wherein the data that requires security protection comprises a call history table stored in the first memory.

18. (New) The terminal device according to Claim 6, wherein the terminal device comprises a mobile terminal.

19. (New) A computer readable storage medium storing a program causing a computer device to execute a process, the computer device having a execution unit, a first memory and a second memory, the process comprising:

storing, in the first memory, data and a protection flag, the protection flag indicative of whether the corresponding data requires security protection;

storing, in the second memory, restriction information for specifying a restricted code, the restricted code being an instruction code whose execution is restricted, the restricted code being one of instruction codes that can be executed by the execution unit, the restricted code including an instruction code causing the execution unit to access data stored in the first memory with a protection flag indicative of requiring security protection;

executing, by the execution unit, an instruction code in accordance with an application program;

determining, when the application program is executed, whether a target code is included in the restriction code, the target code being an instruction code in the application program to be executed by the execution unit; and

preventing the execution unit to execute the target code, if it is determined that the target code is included in the restriction code in order to prevent the target code from accessing at least a part of the data whose protection flag is indicative of receiving security protection.